

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for expanding resources available to a first logical partition on a single computer associated with a client, the method comprising:
associating one or more partition resources of the first logical partition with a grid, wherein the grid comprises grid resources that are available for use by a plurality of logical partitions associated with the grid;
providing grid resources from the grid to the first logical partition based upon usage of the partition resources of the first logical partition, wherein providing grid resources occurs upon determining that use of partition resources of the first partition has reached a partition resource usage condition; and
providing on-demand resources to the first logical partition-based upon the usage of the partition resources of the first logical partition and a usage of the grid resources, wherein providing on-demand resources occurs upon determining that use of the grid resources has reached a grid resource usage condition, and ~~wherein the on-demand resources are available to the single computer, and~~ access to the on-demand resources is controlled by a manufacturer of the single computer, wherein providing on-demand resources comprises:
requesting an enablement code to enable the on-demand resources; and
allocating an unallocated portion of the enabled on-demand resources to the first logical partition.
2. (Previously Presented) The method of claim 1, further comprising metering a usage of the grid resources and the on-demand resources by the client to determine a cost to assess the client.
3. (Cancelled)

4. (Previously Presented) The method of claim 1, wherein associating the one or more partition resources of the first logical partition comprises enabling allocations from the grid resources to the logical partition.

5. (Previously Presented) The method of claim 1, wherein associating the one or more partition resources of the first logical partition comprises registering with the grid at least a portion of partition resources associated with the first logical partition, to allow the portion to be allocated to the plurality of logical partitions associated with the grid.

6. (Previously Presented) The method of claim 1, wherein providing grid resources comprises:
determining an unallocated portion of the grid resources; and
allocating the unallocated portion of the grid resources to the first logical partition.

7. (Previously Presented) The method of claim 1, wherein providing grid resources comprises:
determining that use of partition resources of the first partition has at least reached a partition utilization threshold; and
allocating an unallocated portion of the grid resources to the first logical partition.

8. (Currently Amended) The method of claim 1, wherein the partition resource usage condition~~providing on-demand resources~~ comprises~~[[:]]~~
~~determining that use of partition resources of the first partition has at least reached a partition utilization threshold;~~
~~determining that sufficient resources are unavailable from the grid resources; and~~
~~allocating an unallocated portion of the on-demand resources to the first logical partition.~~

9. (Currently Amended) The method of claim 1[[8]], wherein the grid resource usage condition~~providing on-demand resources further~~ comprises[::]

~~determining that usage of the grid resources has at least reached a grid utilization threshold;~~

~~requesting an enablement code to enable the on-demand resources; and~~

~~allocating an unallocated portion of the on-demand resources to the first logical partition.~~

10. (Currently Amended) A method for expanding resources available to logical partitions on a single computer associated with a client, the method comprising:

registering resources with a grid as grid resources, wherein the grid resources are available for use by a plurality of logical partitions;

allocating grid resources to a first logical partition after utilization of partition resources of the first logical partition reaches a first utilization threshold;

allocating on-demand resources to the first logical partition after the first logical partition reaches a second utilization threshold for the grid resources, wherein ~~the on-demand resources are available to the single computer, and~~ access to the on demand resources is controlled by a manufacturer of the single computer, wherein allocating on-demand resources comprises:

requesting an enablement code to enable the on-demand resources; and

allocating an unallocated portion of the enabled on-demand resources to the first logical partition;

and

billing the client for usage of the on-demand resources.

11. (Original) The method of claim 10, further comprising billing the client for usage of the grid resources to offset a cost associated with enabling the on-demand resources.

12. (Previously Presented) The method of claim 10, wherein billing the client for usage of the on-demand resources comprises billing the client for the on-demand resources allocated to the first logical partition based upon actual usage of the on-demand resources.

13. (Previously Presented) The method of claim 10, wherein billing the client for usage of the on-demand resources comprises billing the client for the on-demand resources allocated to the first logical partition based upon a quantity of the on-demand resources allocated and the amount of time for which the quantity of the on-demand resources are allocated.

14-29. (Cancelled)

30. (Previously Presented) A method for managing and controlling allocation of resources to a logical partition on a single computer, comprising:

providing grid resources to the logical partition based upon usage of partition resources of the logical partition, wherein the grid resources comprise one or more resources from each of a plurality of logical partitions of the system, the grid resources being available for use by each partition of the single computer, and wherein providing grid resources occurs upon determining that use of partition resources of the logical partition has reached a partition resource usage condition; and

providing on-demand resources to the logical partition based upon the usage of the partition resources of the logical partition and a usage of the grid resources, wherein ~~the on-demand resources are available to the single computer, and~~ access to the on demand resources is controlled by a manufacturer of the single computer, and wherein providing on-demand resources occurs upon determining that use of the grid resources has reached a grid resource usage condition, and wherein providing on-demand resources comprises:

requesting an enablement code to enable the on-demand resources; and

allocating an unallocated portion of the enabled on-demand resources to the logical partition.

31. (Currently Amended) The method of claim 30, wherein ~~providing grid resources to the partition resource usage condition~~logical partition comprises[[:]]
~~determining that use of partition resources of the logical partition has at least exceeded a partition utilization threshold; and~~
~~in response to the determining, allocating the grid resources to the logical partition.~~
32. (Currently Amended) The method of claim 30~~[[1]]~~, wherein ~~providing the grid resource usage condition~~on-demand resources to the logical partition comprises[[:]]
~~determining that use of grid resources has at least exceeded a grid utilization threshold; and~~
~~in response to the determining, allocating the on-demand resources to the logical partition.~~
33. (Original) The method of claim 32, wherein the grid utilization threshold comprises an amount of grid resources used during a predetermined amount of time.
34. (Original) The method of claim 30, further comprising:
applying a first fee for use of the grid resources; and
applying a second fee for use of the on-demand resources.
35. (Original) The method of claim 34, wherein at least one of the first fee and the second fee vary based on a factor chosen from the group consisting of a time of day and a time of year.
36. (Currently Amended) A method for deploying a computer application on a host service provider system, comprising:

installing a computer application on a logical partition of a single computer, the single computer having on-demand resources associated therewith, wherein ~~the on-demand resources are available to the single computer, and~~ access to the on demand resources is controlled by a manufacturer of the single computer;

associating the logical partition with a grid, the grid having grid resources that are available for use by any logical partition of the single computer;

configuring the single computer to provide the grid resources to the logical partition based upon usage of the partition resources of the logical partition, wherein the grid resources are provided upon determining that use of partition resources of the logical partition has reached a partition resource usage condition; and

configuring the single computer to provide the on-demand resources to the logical partition based upon a usage of the grid resources, wherein the on-demand resources are provided upon determining that use of the grid resources has reached a grid resource usage condition, wherein providing on-demand resources comprises:

requesting an enablement code to enable the on-demand resources; and
allocating an unallocated portion of the enabled on-demand resources to the first logical partition.

37. (Original) The method of claim 36, further comprising:

applying a first fee for use of the grid resources; and

applying a second fee for use of the on-demand resources.

38. (Currently Amended) The method of claim 1, further comprising providing on[[]]-demand resources to one of the plurality of logical partitions.

39-40. (Cancelled)